

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003200**Date Inspected:** 06-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yan Hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Deck plates, skin plates, and stiffeners**Summary of Items Observed:**

Heavy Duty Machine Shop – Bay 3

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) observed grinding on the following deck panels: DP-026-001, DP-031-001, DP-066-001, and DP-069-001. Ten workers were present in this shop as well as ABF personnel Kevin Chen and Wang Zhong Juan. No welding was being performed.

Tower Shop – Bay 1

QA Inspector observed personnel flame-cutting bevels on two plates. Nine workers were present in this shop including one ZPMC CWI. No welding was being performed.

Tower Shop – Bay 2

QA Inspector observed personnel performing the following:

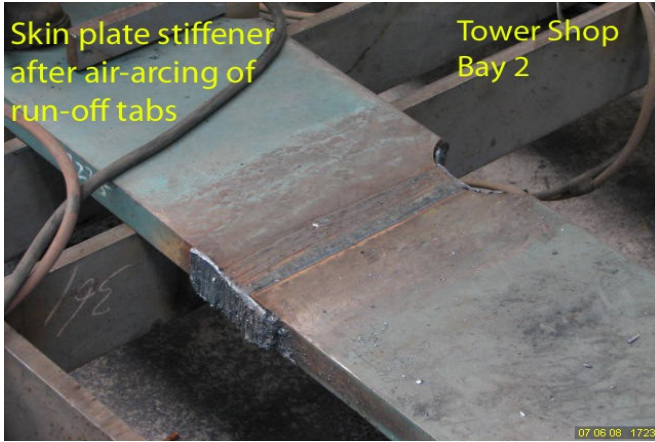
Heat straightening of tower skin plate at weld ESD1-SA296B/E-49.

Air arc gouging at several locations on tower skin stiffeners.

FCAW-G multipass weld ESD1-SA216H/K-10B. Sixteen workers were present in this shop as well as ABF personnel Xing Xiao Guang.

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Josh Ishibashi, 137-6471-0411, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
